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TITLE: LEAD DEVICE OF ELECTRIC MOTOR
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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To facilitate connection between a magnet wire of a stator coil and an external lead wire by providing a connection band for reduced so that the outer-periphery surface of an entire coil end is equal to a specified outer diameter.

CONSTITUTION: The outer-periphery surface of the lower entire coil ends 6b which are laid out adjacently is reduced by a connection band 10 to reduce the outer diameter of the lower coil end 6b as compared with the outer-periphery

surface of a stator core 1 and at the same time to increase the inner diameter of the upper coil end as compared with the innerperiphery surface of the stator core 1. Also, a plurality of relay terminals 11 protrude on the outer-periphery surface of the connection band 10 while they are separated, a magnet wire 4 of a stator coil 3 is led out so that the winding start and end do not cross each other, and then an external lead wire 12 is connected to each relay terminal 11, thus firmly fixing the relay terminal 11 to the lower coil end 6b and facilitating connection of the magnet wire 4 and the lead wire 12.

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